



PCT10

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/019,823

DATE: 01/19/2002

TIME: 11:47:35

Input Set : A:\SYN-128.ST25.txt

Output Set: N:\CRF3\01182002\J019823.raw

**Does Not Comply  
Corrected Diskette Needed**

3 <110> APPLICANT: Zeneca Limited  
 5 <120> TITLE OF INVENTION: Insecticidal Proteins from Paecilomyces and Synergistic  
 6 Combinations Thereof  
 8 <130> FILE REFERENCE: SYN-128  
 10 <140> CURRENT APPLICATION NUMBER: US/10/019,823  
 11 <141> CURRENT FILING DATE: 2001-12-21  
 13 <150> PRIOR APPLICATION NUMBER: GB 9915215.9  
 14 <151> PRIOR FILING DATE: 1999-06-29  
 16 <150> PRIOR APPLICATION NUMBER: GB 9930536.9  
 17 <151> PRIOR FILING DATE: 1999-12-23  
 19 <160> NUMBER OF SEQ ID NOS: 65  
 21 <170> SOFTWARE: FastSEQ for Windows Version 4.0

## ERRORED SEQUENCES

406 <210> SEQ ID NO: 30  
 407 <211> LENGTH: 17  
 408 <212> TYPE: RNA *It's not allowed in an RNA sequence*  
 409 <213> ORGANISM: Artificial Sequence  
 411 <220> FEATURE:  
 412 <223> OTHER INFORMATION: Primers  
 414 <221> NAME/KEY: misc\_feature  
 415 <222> LOCATION: 9, 12, 15  
 416 <223> OTHER INFORMATION: n = A, T, C or G  
 418 <221> NAME/KEY: misc\_feature  
 419 <222> LOCATION: 9, 12, 15  
 420 <223> OTHER INFORMATION: n = A, T, C or G  
 422 <400> SEQUENCE: 30  
 E--> 423 ~~athtgyacnc cngcngg~~  
 425 <210> SEQ ID NO: 31  
 426 <211> LENGTH: 20  
 427 <212> TYPE: RNA *It's not allowed in an RNA sequence*  
 428 <213> ORGANISM: Artificial Sequence  
 430 <220> FEATURE:  
 431 <223> OTHER INFORMATION: Primers  
 433 <221> NAME/KEY: misc\_feature  
 434 <222> LOCATION: 9, 12, 15, 18  
 435 <223> OTHER INFORMATION: n = A, T, C or G  
 437 <221> NAME/KEY: misc\_feature  
 438 <222> LOCATION: 9, 12, 15, 18  
 439 <223> OTHER INFORMATION: n = A, T, C or G  
 441 <400> SEQUENCE: 31

*duplicate statements*

*duplicate*

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## RAW SEQUENCE LISTING

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Input Set : A:\SYN-128.ST25.txt

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E--> 442 atgtgacnc cngcngngt 20  
 463 <210> SEQ ID NO: 33  
 464 <211> LENGTH: 17  
 465 <212> TYPE: RNA *It's not allowed in an RNA sequence*  
 466 <213> ORGANISM: Artificial Sequence  
 468 <220> FEATURE:  
 469 <223> OTHER INFORMATION: Primers  
 471 <221> NAME/KEY: misc\_feature  
 472 <222> LOCATION: 3, 12, 15  
 473 <223> OTHER INFORMATION: n = A, T, C or G  
 475 <221> NAME/KEY: misc\_feature  
 476 <222> LOCATION: 3, 12, 15  
 477 <223> OTHER INFORMATION: n = A, T, C or G *duplicates*  
 479 <400> SEQUENCE: 33

E--> 480 ccnctgctgyc cnggnyt 17  
 482 <210> SEQ ID NO: 34  
 483 <211> LENGTH: 16  
 484 <212> TYPE: RNA *It's not allowed in an RNA sequence*  
 485 <213> ORGANISM: Artificial Sequence  
 487 <220> FEATURE:  
 488 <223> OTHER INFORMATION: Primers  
 490 <221> NAME/KEY: misc\_feature  
 491 <222> LOCATION: 2, 14  
 492 <223> OTHER INFORMATION: n = A, T, C or G  
 494 <221> NAME/KEY: misc\_feature  
 495 <222> LOCATION: 2, 14  
 496 <223> OTHER INFORMATION: n = A, T, C or G *duplicates*  
 498 <400> SEQUENCE: 34

E--> 499 ttaartggtt hggngg 16  
 501 <210> SEQ ID NO: 35  
 502 <211> LENGTH: 20  
 503 <212> TYPE: RNA  
 504 <213> ORGANISM: Artificial Sequence  
 506 <220> FEATURE:  
 507 <223> OTHER INFORMATION: Primers  
 509 <221> NAME/KEY: misc\_feature  
 510 <222> LOCATION: 3, 6, 18  
 511 <223> OTHER INFORMATION: n = A, T, C or G  
 513 <221> NAME/KEY: misc\_feature  
 514 <222> LOCATION: 3, 6, 18  
 515 <223> OTHER INFORMATION: n = A, T, C or G *duplicates*  
 517 <400> SEQUENCE: 35

E--> 518 ggngttaaya ayaargttt 20  
 1382 <210> SEQ ID NO: 61  
 1383 <211> LENGTH: 439  
 1384 <212> TYPE: RNA  
 1385 <213> ORGANISM: Paecilomyces sp.  
 1387 <400> SEQUENCE: 61

E--> 1388 tctacttctt catctcacgc catatattct cccaaaatca cactcttccc ttcaccatgc 60

*see p. 3, too*

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```

E--> 1389 aaatgcccgc cgtcattguc gcactcttcg ccagcgcgcg catggccggc aagaacgca 120
E--> 1390 ctctgtctgg agttgtacgt attttcaccc atttccyca ccactccctt aacatgaagc 180
E--> 1391 aactttctct tctctctaga aatgcccgc ggccttccct tgcgcccccg gacttcgctg 240
E--> 1392 catcggcggc gtcaacgtaa gtcaccatgg atctggcaag cgagaccata acatgacgca 300
E--> 1393 gtataactaac cctggcggct atagaacaag gtgtgagtc gacatgttkt acaacctcta 360
E--> 1394 caaacgcgcg cactaaagac aacgggagtg ccggaattc tagttcgca aottttgagc 420
E--> 1395 ggggataag tatgcttcg                                     439

```

Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.

Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.

FJI →

## VERIFICATION SUMMARY

DATE: 01/19/2002

PATENT APPLICATION: US/10/019,823

TIME: 11:47:37

Input Set : A:\SYN-128.ST25.txt

Output Set: N:\CRF3\01182002\J019823.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
 L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
 L:38 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
 L:75 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
 L:423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
 L:423 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:2  
 L:442 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
 L:442 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:3  
 L:461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32  
 L:480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33  
 L:480 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:3  
 L:499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34  
 L:499 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:3  
 L:518 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35  
 L:518 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:3  
 L:533 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36  
 L:548 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37  
 L:563 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38  
 L:578 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39  
 L:630 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43  
 L:689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48  
 L:837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54  
 L:1374 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60  
 L:1376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60  
 L:1378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60  
 L:1388 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:19  
 L:1389 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:12  
 L:1389 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:31  
 L:1390 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:20  
 L:1390 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:51  
 L:1391 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:20  
 L:1391 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:71  
 L:1392 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:9  
 L:1392 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:80  
 L:1393 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:17  
 L:1393 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:97  
 L:1394 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:14  
 L:1394 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:111  
 L:1395 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:6  
 L:1395 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:117  
 L:1451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65

US 1001982304P1



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Total number of pages: 2

Remarks:

Order of re-scan issued on .....